

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION IV, ATHENS, GEORGIA

MEMORANDUM

DATE: **AUG 05 1991**

Site:	Carrier
Project:	
Client:	

SUBJECT: Comments on Carrier Air Conditioning Site Remedial Investigation Report, Collierville, Tennessee; ESD Project Number 91E-537

FROM: Donald Hunter, Hydrogeologist
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

Ronald Hunter

TO: Beth Brown, RPM
TN/KY Remedial Section
North Superfund Remedial Branch
Waste Management Division

William R. Bokey

THRU: William R. Bokey, Chief
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

As requested, the subject document has been reviewed. Of primary concern during this review was the extent to which the report addressed the objectives stated in the remedial investigation work plan for the site. These objectives were to:

1. Characterize site contaminants,
2. Determine the nature and extent of contamination,
3. More fully characterize the geology/hydrogeology of the Site, and
4. Recommend feasible remedial alternatives.

Objectives number 1 and 3 appear to have been adequately addressed. Objective number 4 will apparently be addressed in forthcoming supplemental material. Objective number 2, however, does not appear to have been completely addressed. The report has identified the nature of the problem as one predominantly of soil and ground water contamination. While the nature and extent of the soil contamination has been described in detail, there are still questions remaining regarding the extent of ground water contamination at the site. The most recent field work did much to further define the extent of ground water contamination, but it also appears to have left other questions regarding the extent of contamination open. Of particular concern is the lack of any data south or west of well MW-37 and the presence of site related contaminants north of the well field. Carrier should address the significance of these data deficiencies and how they will be addressed. This deficiency may be addressed by Carrier in their feasibility study submission. If possible, we would like to see iso-concentration maps for TCE in ground water in any submissions that may follow. We are aware of the problems encountered in obtaining ground water samples from the shallow, perched interval above the Jackson.

Other than those problems discussed above, the report is acceptable. Please call me at FTS 250-3171 if you have any questions regarding these comments.

cc: Bokey/Hall
Knight



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